Philips
Flat TV with Crystal Clear III

20"
LCD

20PF5120

Turn up your viewing experience

with Crystal Clear III

Here is a new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for better quality images that reveal more detail and Incredible Surround for superb audio.

Vivid, natural and razor sharp images
- Enhanced-definition LCD SVGA display, 800 x 600p
- Crystal Clear III for natural images with enhanced quality
- 2D Combfilter sharpens images for finer detail

Exciting and lifelike sound
- Incredible Surround™ for enhanced audio enjoyment

Slim, stylish design to complement your interior
- Compact and slim design that fits in every room

For advanced performance
- DVI-I provides the best picture and flexible connectivity

Great convenience
- PC input lets you also use your TV as a PC monitor
- Auto Picture to personalize your viewing
- Auto Sound uses pre-defined sound settings for better sound

PHILIPS
sense and simplicity

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Highlights

LCD SVGA display, 800 x 600p
This SVGA display with state-of-the-art LCD screen technology has an enhanced resolution of 800 x 600p. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Crystal Clear III
Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colors.

2D Combfilter
The 2D comb filter separates chrominance (color) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimize distortion.

Incredible Surround™
Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

Compact and slim design
This design style emphasizes a slim, compact look that saves space and fits in anywhere.

DVI-I Input
A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analog, it delivers an unblemished and noisefree image, that is clear and flickerfree. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Settop boxes, DVD players and HD recorders. DVI-I is future proof as it can be be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analog PC-VGA signals.

PC input
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Auto Picture
Auto Picture button on the remote control enables one-touch selection of various preset optimized image settings to suit different TV program.

Auto Sound
Auto Sound provides pre-defined sound settings for ultra bass, bass, treble and balance for the optimum entertainment experience.

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Specifications

Picture/Display
- Aspect ratio: 4:3
- Brightness: 500 cd/m²
- Contrast ratio (typical): 500:1
- Diagonal screen size: 20 inch / 51 cm
- Picture enhancement: Crystal Clear III, Progressive Scan, 2D Combfilter, Sharpness Adjustment
- Viewing angle (H / V): 160 / 120 degree
- Response time (typical): 16 ms
- Display screen type: LCD SVGA Active Matrix TFT
- Panel resolution: 800 x 600p

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Sound System: Mono, Stereo, SAP
- Output power (RMS): 2 x 5W
- Sound Enhancement: Incredible Surround

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning
- Ease of Use: AutoPicture, AutoSound, Menu Control, On Screen Display, Top Controls, Auto Volume Leveller (AVL)
- Remote control type: RCFU055MU00
- Screen Format Adjustments: 16:9 compress, 4:3, 4:3 expand
- Clock: Sleep Timer
- Child Protection: Child Lock+Parental Control
- Remote Control: TV
- VESA Mount: 100 x 100 mm

Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, PAL M, PAL N
- Video Playback: NTSC, PAL
- Tuner Display: PLL

Connectivity
- Number of AV connections: 2
- Other connections: F-Type (75 ohm), PC Audio in, DVI-I
- AV 1: Audio L/R in, YPbPr (2fh)
- Front / Side connections: Headphone out
- AV 2: Audio L/R in, CVBS, S-Video

Power
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C
- Power supply: AC 90-240
- Power consumption: 55 W

Accessories
- Included Accessories: Power cord, Quick start guide, Registration card, Remote Control, Table top stand, User Manual

Dimensions
- Set dimensions (W x H x D): 506 x 444 x 80 mm
- Weight incl. Packaging: 10.3 kg
- Product weight (lb): 18.7
- Box dimensions (W x H x D): 547 x 222 x 549 mm
- Dimensions (with base) (W x H x D): 506 x 484 x 220 mm
- Product weight: 8.5 kg
- Weight incl. Packaging (lb): 22.7

stereo system	transmission system		
BTSC	PAL	PAL	NTSC
DBX	M	N	M
o	o	o	o

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* Avoid extensive use of the set in a volume higher than 85 decibel because this may damage your hearing.

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